

1600

DATE: 05/28/2003 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/780,532A TIME: 14:51:41

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3 <110> APPLICANT: Wood, Clive
        Chaudhary, Divya
        Long, Andrew
        Genetics Institute, Inc.
 8 <120> TITLE OF INVENTION: TRADE MOLECULES, AND USES RELATED THERETO
10 <130> FILE REFERENCE: 22058-569
12 <140> CURRENT APPLICATION NUMBER: 09/780,532A
13 <141> CURRENT FILING DATE: 2001-02-09
15 <150> PRIOR APPLICATION NUMBER: 60/181,922
16 <151> PRIOR FILING DATE: 2000-02-11
18 <150> PRIOR APPLICATION NUMBER: 60/182,148
19 <151> PRIOR FILING DATE: 2000-02-14
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                                                             15
37
39 tta gta tta cta ggc tat ttg tca tgt aaa gtg act tgt gaa tca gga
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40 Leu Val Leu Leu Gly Tyr Leu Ser Cys Lys Val Thr Cys Glu Ser Gly
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41
43 gac tgt aga cag caa gaa ttc agg gat cgg tct gga aac tgt gtt ccc
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44 Asp Cys Arg Gln Gln Glu Phe Arg Asp Arg Ser Gly Asn Cys Val Pro
45
                                                                      192
47 tgc aac cag tgt ggg cca ggc atg gag ttg tct aag gaa tgt ggc ttc
48 Cys Asn Gln Cys Gly Pro Gly Met Glu Leu Ser Lys Glu Cys Gly Phe
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51 ggc tat ggg gag gat gca cag tgt gtg acg tgc cgg ctg cac agg ttc
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52 Gly Tyr Gly Glu Asp Ala Gln Cys Val Thr Cys Arg Leu His Arg Phe
53 65
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55 aag gag gac tgg ggc ttc cag aaa tgc aag ccc tgt ctg gac tgc gca
                                                                      288
56 Lys Glu Asp Trp.Gly Phe Gln Lys Cys Lys Pro Cys Leu Asp Cys Ala
57
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59 gtg gtg aac cgc ttt cag aag gca aat tgt tca gcc acc agt gat gcc
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60 Val Val Asn Arg Phe Gln Lys Ala Asn Cys Ser Ala Thr Ser Asp Ala
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61
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/780,532A

DATE: 05/28/2003
TIME: 14:51:41

Input Set : A:\WYETH569.txt

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69		130					135					140					
71	tac	gaa	ccg	cac	tgt	gcc	agc	aag	gtc	aac	ctc	gtg	aag	atc	gcg	tcc	480
72	Tyr	Glu	Pro	His	Cys	Ala	Ser	Lys	Val	Asn	Leu	Val	Lys	Ile	Ala	Ser	
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75	acg	gcc	tcc	agc	cca	cgg	gac	acg	gcg	ctg	gct	gcc	gtt	atc	tgc	agc	528
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	_	_		_					gag	_	_	_		_	_		672
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89		210					215					220					700
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		Leu	His	GLu	Tyr		His	Arg	Ala	Cys	_	Gin	Cys	Arg	Arg	_	
	225				L	230					235				L	240	7.00
			_		_		_	_	cgc	_				_	_	_	768
	ser	vaı	GIN	Tnr	-	сту	Pro	vaı	Arg		ьeu	Pro	ser	мес	_	cys	
97	~~~	~~~	~~~	+ ~ ~	245	000	220	000	~~~	250	a++	aat	+ ~+	~~~	255	ca+	816
	_			_	_			_	gcg				_			l His	010
101		GIU	ı ATC	260		FIC) ASI	1 110	265		те (ı Gı	у Суз	270		r nrs	
		. ac				Car	י מכי	2 202			a aa	r cca	ם מכנ			g atg	864
		_	_	_		•	-	_		_			_			u Met	001
105		. Alc	275		. дсс	. 011	I MIC	280	-	1 111.	. 01	, , ,	285	_	y 01.	4 1100	
		r ccc			: ttc	gaa	a tee		,	ı cad	r tee	c ato			c gad	g ttt	912
		•							_	•			-		-	a Phe	
109		290					295			. 0		300	_				
				tac	cct	cto			r aat	cc	ato			σας	c aac	c atc	960
		_	_			-	•	•			•			_		n Ile	
	305	•		r		310				`	315	-		1		320	
			tat	: gad	tct			σα α	a cto	act	7		a gad	att	cat	t tct	1008
			_	_				_				_	_			s Ser	
117			- 4		325	_				330		•	•		33!		
		aat	: cca	a qaa			a ago	c tca	acc			g gat	tca	a aat	age	c agt	1056
				_		-	_		_			_				r Ser	
121				340					345			•		350			
		gat	tto			gad	g act	att:	cca	qta	cad	g tct	cat			a aac	1104
		_	•	-			-	_		_		-			_	ı Asn	
125		1	355			_	•	360					365				
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DATE: 05/28/2003 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/780,532A TIME: 14:51:41

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Output Set: N:\CRF4\05282003\I780532A.raw

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133	385					390					395					400	
		agt	aac	act	atc	atc	cac	cca	acc	act	caq	acα	tcc	ctc	caq	gaa	1248
		_		_		Ile					_	_			_	_	
137	OTU		O.L.y	nΤα	405	110	1115	110	mu	410	OIII	1111		шοй	415	0.1.0	
		+					- -		. ~	— -		~ +- ~- ~					1201
	_	taaa	agaad	cet q	gette	ctttc	et go	cagta	agaaq	g egi	tgtg	etgg	aaco	ccaa	aga		1301
	Ala															•	
	_		_		_				_		_		_			gggcaa	
144	4 aaatgaatet gaaccaaact gacggcattt gaagcettte agecagttge ttetgageca															1421	
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168		- 1	35					40		5			45				
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171	Cys	50	OLII	CyS	OTY	110	55	1100	OIU	пса	DCI	60	CLU	Cys	CTY	1110	
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	_	Tyr	GTA	GIU	Asp	Ala	GIN	Cys	val	Thr		Arg	Leu	HIS	Arg		
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	ጥላንን		Dro	Hic	Cvc	Ala		Luc	Val	Asn	Lou		Luc	Tla	ΔΙο	Sor	
	-	GIU	FIO	1115	Cys		Ser	цуз	vai	ASII		Vai	пуз	116	ALG		
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PATENT APPLICATION: US/09/780,532A
DATE: 05/28/2003
TIME: 14:51:41

Input Set : A:\WYETH569.txt

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252 253	<400 atg	2> L()> SI gct	OCATI EQUEN tta	ON: ICE: aaa	(1). 3 gtg	cta	cta	_				_		ttc			48
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252 253 254 255	<400 atg Met 1	2> L()> SE gct Ala	OCATI EQUEN tta Leu	ON: ICE: aaa Lys	(1). 3 gtg Val 5	cta Leu	cta Leu	Glu	Gln	Glu 10	Lys	Thr	Phe	Phe	Thr 15	Leu	
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252 253 254 255 257 258 259	<400 atg Met 1 tta Leu	2> LO > SE gct Ala gta Val	CATI EQUEN tta Leu tta Leu	ON: NCE: aaa Lys cta Leu 20	(1).3 gtg Val 5 ggc Gly	cta Leu tat Tyr	cta Leu ttg Leu	Glu tca Ser	Gln tgt Cys 25	Glu 10 aaa Lys	Lys gtg Val	Thr act Thr	Phe tgt Cys	Phe gaa Glu	Thr 15 aca Thr	Leu gga Gly	
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PATENT APPLICATION: US/09/780,532A

DATE: 05/28/2003
TIME: 14:51:41

Input Set : A:\WYETH569.txt

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	_	-	_			atg Met		_			_		_	_			624
	_	_		_		aac Asn				_	_	_		•	_		672
309 310	_	ctc		_		gcc Ala 230		_	_	-	_	_	_	_	_	_	720
313	tca					ggg Gly											768
317	_		_	_	_	ccc Pro		_					_			_	816
		_	_	_		cag Gln	_	_		_			_			_	864
		-				gga Gly			_	_			_				912
330		-	_			ctg Leu 310	_	_			_			_		_	960
333	tct		_	_		tat Tyr		_		_	gga	-	-			tct	1008
337				_	ctt	gaa Glu	_		_	tct	_	_			agc	_	1056

RAW SEQUENCE LISTING ERROR SUMMARY

PATENT APPLICATION: US/09/780,532A

DATE: 05/28/2003

TIME: 14:51:42

Input Set : A:\WYETH569.txt

Output Set: N:\CRF4\05282003\I780532A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:24; Line(s) 1141

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/780,532A

DATE: 05/28/2003 TIME: 14:51:42

Input Set : A:\WYETH569.txt
Output Set: N:\CRF4\05282003\I780532A.raw